

From: [ANDERSON Jim M](#)
To: [Eric Blischke/R10/USEPA/US@EPA](#)
Cc: [Chip Humphrey/R10/USEPA/US@EPA](#); [PETERSON Jenn L](#); [POULSEN Mike](#)
Subject: RE: Acute & Chronic Water Screening Levels
Date: 03/21/2006 04:11 PM

Eric,
I checked DEQ's Table 33A (DEQ's new Water Quality Criteria Summary which our EQC has approved, but EPA has yet to approve). Table 33A includes an acute dieldrin value of 0.24ug/L, but doesn't include a chronic freshwater value (however, it does include a saltwater value of 0.0019ug/L). DEQ's old Table 20 includes a chronic freshwater AWQC for dieldrin of 0.0019ug/L.

You're right, we should use the most recent values available for both the JSCS & the LWG screening process...., & I think that's what we're doing. Step 4 on Page 3-4 of the JSCS says there are up to 3 eco tox values presented in Table 3-1: 1) EPA's 2002 chronic NRWQC, 2) DEQ's Table 33A chronic AWQC, & 3) ORNL LCVs. The JSCS text also says to use the following hierarchy in picking which of the 3 values to use: 1) EPA's NRWQC, 2) DEQ's AWQC, & 3) ORNL LCVs. So, 0.056ug/L is the chronic value (EPA's 2002 NRWQC) the JSCS says to use, which is consistent with the LWG's proposal.

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-----Original Message-----

From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Tuesday, March 21, 2006 8:52 AM
To: ANDERSON Jim M
Cc: humphrey.chip@epamail.epa.gov; PETERSON Jenn L; POULSEN Mike
Subject: Re: Acute & Chronic Water Screening Levels

Jim, I am going through the screening table and have a question regarding dieldrin. The LWG proposed using 0.056 ug/l which is consistent with EPA's national recommended water quality criteria. The JSCS lists DEQ's 2004 chronic criteria as 0.0019 ug/l. However, DEQ's proposed rules notes that the old value is 0.0019 and the recommended new value is 0.056 ug/l. It seems to me that we should be using the most recent values available for both the JSCS and the LWG water screening process. I suppose this is contingent on EPA approval of the states's water quality standards but I do not know the status of this effort. Any thoughts?

Eric

ANDERSON Jim M
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03/16/2006 10:21 AM

To
Eric Blischke/R10/USEPA/US@EPA
cc
Chip Humphrey/R10/USEPA/US@EPA,
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<POULSEN.Mike@deq.state.or.us>
Subject
Acute & Chronic Water Screening
Levels

Eric,
I know you're looking for comments on this LWG document by 3/17. Here's my understanding the chronology of this document:

- 1) LWG's 4/29/05 Draft TM.
- 2) Jennifer P's 6/7/05 e-mail to you with her comments on the LWG's TM.
- 3) Your 7/7/05 e-mail to LWG asking for a table to summarize water screening criteria that are an outcome of the selection process (due from the LWG 8/5/05).
- 4) EPA's 8/5/05 letter to LWG extending delivery date of LWG's table until 9/6/05.
- 5) LWG's 9/6/05 Water Screening Tables 1 & 2 (for amphibians & Eco SLs).

I understand you've talked to Jennifer P & Burt S some re: the 9/6 tables, & that their opinion is that the tables, without the LWG having the comments both Jennifer & Burt had on the TM text, may not be very useful. I quickly spot-checked Table 1 (Selected Acute & Chronic Eco SLs) comparing the table values to the cited references (EPA NRWQC, DEQ's AWQC & ORNL). The table looks pretty accurate , but I did notice the following:

1) Table 1 listed the chronic Total PCBs SL as 0.14ug/L, but both EPA's NRWQC & DEQ's AWQC lists the chronic value as 0.014ug/L.

2) Table 1 listed the chronic 4,4'-DDT SL as 0.013ug/L (ORNL value), but DEQ's AWQC lists the chronic value as 0.001ug/L. This value was also listed in Table 1 as Total DDTs.

I suggest you still consider including Jennifer's 6/7/05 comments on the TM text in EPA's comment letter to the LWG.

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